

## WHAT IS CLAIMED IS:

- 1                   1.     A method for reporting event data to requesting  
2 subscribers using a manufacturing repository for collecting event data that is  
3 connected to a subscriber profile system for storing information relating to  
4 subscribers and a production system for storing information relating to  
5 manufacturing, comprising the steps of:  
6                   gathering event data from a plurality of devices connected to the  
7 manufacturing repository;  
8                   saving the event data to a database;  
9                   notifying designated subscribers according to criteria indicated by  
10 subscriber profiles; and,  
11                  generating selectively subscription reports according to criteria  
12 indicated by subscriber profiles.
- 1                   2.     The method according to claim 1 wherein the event data  
2 further comprises information relating to any one from the group of region,  
3 manufacture, model or customer identification.
- 1                   3.     The method according to claim 1 wherein the subscription  
2 report comprises information in the form of text, tables, charts and/or graphs.
- 1                   4.     The method according to claim 1 further comprising the  
2 step of sending the subscription report to a requesting subscriber.
- 1                   5.     The method according to claim 1 further comprising the  
2 steps:  
3                   requesting to set up or change a subscriber profile;  
4                   entering new subscriber information to a subscriber profile; and,  
5                   saving the new subscriber profile to the manufacturing repository.

6. The method according to claim 5 wherein said step of entering new subscriber information further comprising the steps of:

- entering contact information of the subscriber;
- entering subscriber's desired notification request;
- entering subscription report criteria; and,
- entering designated time cycle for subscription report.

7. The method according to claim 6 wherein the time cycle includes any one from the group of none, daily, weekly, monthly, quarterly or yearly.

8. The method according to claim 5 wherein, prior to said step of saving new subscriber profile, further comprising the steps of:

- sending the new subscriber profile to the manufacturing repository; and,
- receiving the new subscriber profile by the manufacturing repository.

9. The method according to claim 1 wherein, prior to said step of gathering event data, further comprising the steps of:

- sending the event data to the manufacturing repository; and,
- receiving the event data by the manufacturing repository.

10. The method according to claim 1 wherein said step of notifying designated subscribers further comprising the steps of:

- searching the subscriber profile for notification requests for the event data according to the requested criteria;
- determining whether there is any notification requests for the event data;
- composing notifications for each notification request determined in the subscriber profile; and,

9 sending out the notifications to the requesting subscriber.

1 11. The method according to claim 10 further comprising the  
2 step of idling until the manufacturing repository receives the event data.

1 12. The method according to claim 10 wherein the indicated  
2 criteria includes any one from the group of event occurrence by page count,  
3 event occurrence by region, event occurrence by manufacturing information,  
4 event occurrence by device model, or event occurrence by customer.

1 13. The method according to claim 1 wherein said step of  
2 generating scheduled subscription reports further comprising the steps of:

3 searching the subscriber profile for any scheduled subscription  
4 report due;

5 determining whether there is any scheduled subscription report  
6 due; and,

7 accessing information relating to the subscriber of any  
8 predetermined scheduled subscription report due.

1 14. The method according to claim 13 further comprising the  
2 step of updating information from the subscriber profile.

1 15. The method according to claim 13 further comprising the  
2 steps of:

3 accessing the information relating to the manufacturing from the  
4 production system; and,

5 updating information from the production system.

1 16. The method according to claim 13 further comprising the  
2 steps of:

3 sorting the information for the scheduled subscription report  
4 according to the criteria of the requesting subscriber profile; and,

5 formatting the information to generate the report.

1           17. A computer program product comprising a computer  
2 usable medium having computer readable program codes embodied in the  
3 medium that when executed causes a computer to:  
4           gather event data from a plurality of devices connected to a  
5 manufacturing repository;  
6           save the event data to a database;  
7           notify designated subscribers according to criteria indicated by  
8 subscriber profiles; and,  
9           generate selectively subscription reports according to criteria  
10 indicated by subscriber profiles.